



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 5736

SERIAL NUMBER 10/032,419	FILING DATE 12/21/2001 RULE	CLASS 375	GROUP ART UNIT 2631	ATTORNEY DOCKET NO. 584-1048
-----------------------------	---------------------------------------	--------------	------------------------	---------------------------------

APPLICANTS

John E. Hudson, Stansted, UNITED KINGDOM;

Bassam M. Hashem, Nepean, CANADA;

** CONTINUING DATA *****

NONE JAT

** FOREIGN APPLICATIONS *****

NONE JAT

IF REQUIRED, FOREIGN FILING LICENSE GRANTED

** 01/28/2002

Foreign Priority claimed <input type="checkbox"/> yes <input checked="" type="checkbox"/> no	STATE OR COUNTRY UNITED KINGDOM	SHEETS DRAWING 6	TOTAL CLAIMS 30	INDEPENDENT CLAIMS 11
35 USC 119 (a-d) conditions met <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after Allowance				
Verified and Acknowledged Examiner's Signature <i>[Signature]</i> Initials SAT				

ADDRESS

23644
 BARNES & THORNBURG
 P.O. BOX 2786
 CHICAGO, IL
 60690-2786

TITLE

Methods and apparatus for transmitting and receiving data over a communications network in the presence of noise

FILING FEE RECEIVED 1722	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit
------------------------------------	---	---